ALTECH® PA6 A 3030/109 GB30

Polyamide 6

ALBIS PLASTIC GmbH

Message:

ALTECH® PA6 A 3030/109 GB30 is a Polyamide 6 (Nylon 6) product filled with 30% glass bead. It is available in Asia Pacific, Europe, or North America.
Applications of ALTECH® PA6 A 3030/109 GB30 include automotive and housings.
Characteristics include:
REACH Compliant
RoHS Compliant
Good Mold Release
Heat Stabilizer
High Flow

General Information			
Filler / Reinforcement	Glass Bead,30% Filler by Weight		
Additive	Heat Stabilizer		
Features	Good Mold Release		
	Heat Stabilized		
	High Flow		
	Low Warpage		
Uses	Housings		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		

Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm³	ISO 1183

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4200	MPa	ISO 527-2
Tensile Stress	60.0	MPa	ISO 527-2
Flexural Modulus	4000	MPa	ISO 178
Flexural Stress	100	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	4.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength	40	kJ/m²	ISO 179/1eU

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	75.0	°C	ISO 75-2/A
Vicat Softening Temperature	200	°C	ISO 306/B50

Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	80.0	°C	
Drying Time - Desiccant Dryer	2.0 to 12	hr	
Suggested Max Moisture	0.15	%	
Processing (Melt) Temp	270 to 290	°C	

| Mold Temperature | 80.0 to 100 | °C |

Recommended distributors for this material

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